03050207-110

(Little Salkehatchie River)

General Description

Watershed 03050207-110 is located in Colleton County and consists primarily of the ***Little Salkehatchie River*** and its tributaries from Willow Swamp to its confluence with the Salkehatchie River. The watershed occupies 42,836 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Lynchburg-Torhunta-Rains-Goldsboro-Coxville series. The erodibility of the soil (K) averages 0.15, and the slope of the terrain averages 1% with a range of 0-2%. Land use/land cover in the watershed includes: 42.2% forested land, 34.8% forested wetland, 19.4% agricultural land, 3.3% barren land, 0.2% nonforested wetland, and 0.1% water.

This section of the Little Salkehatchie River accepts drainage from its upstream reach (03050207-060, -080), together with Indian Creek, Deep Creek, and Sandy Run. The Little Salkehatchie River joins with the Salkehatchie River watershed to form the Combahee River. There are a total of 43.4 stream miles and 7.7 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

Station #	Type	Class	Description
CSTL-120	W	FW	LITTLE SALKEHATCHIE RIVER AT SC 63
CSTL-585	BIO	FW	SANDY RUN AT US 21

Little Salkehatchie River (CSTL-120) - Aquatic life uses are fully supported. This is a blackwater system, characterized by naturally low dissolved oxygen concentrations. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and are considered natural, not standards violations. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Sandy Run (CSTL-585) – Aquatic life uses are fully supported based on macroinvertebrate community data.

A fish consumption advisory has been issued by the Department for mercury and includes the Little Salkehatchie River within this watershed (see advisory p.35).

Growth Potential

There is a low potential for growth in this watershed.